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### 1 [File format for data exchange between graphic data bases](#)

Arthur G. Gross

June 1978 DAC '78: Proceedings of the 15th conference on Design automation

Publisher: IEEE Press

Full text available: [pdf\(544.92 KB\)](#)Additional Information: [full citation](#), [abstract](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 11, Citation Count: 3

A number of interactive graphics systems have been developed for cartographic applications. Th systems have different capabilities and features, and little or no general provision has been mac transferring data base content between different ...

### 2 [Delivering the word——integrating publications technologies](#)



Sharon C. Adler

January 1984 ACM 84: Proceedings of the 1984 annual conference of the ACM on The fifth generati challenge

Publisher: ACM

Full text available: [pdf\(48.64 KB\)](#)Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 2, Citation Count: 0

The panelists will provide a concise overview describing the role of the Standard Document Mark Metalanguage in modern integrated, automated publication processing systems. The Metalangua being developed concurrently within the American National ...

### 3 [Doe software: scientific and engineering software for sharing](#)



Paul L. Johnson

September 1985 SI GUCCS '85: Proceedings of the 13th annual ACM SI GUCCS conference on User s pulling it all together

Publisher: ACM

Full text available: [pdf\(237.29 KB\)](#)Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 8, Citation Count: 0

This presentation describes the methods used by the National Energy Software Center to facilita sharing of DOE software. The focus of the presentation will be on the materials requested of the developers and the software screening procedure. The ...

#### 4 [Game enhanced music manuscript](#)



David Lieberman

November 2006 GRAPHITE '06: Proceedings of the 4th international conference on Computer graphics and interactive techniques in Australasia and Southeast Asia

Publisher: ACM

Full text available: [pdf\(703.58 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 124, Citation Count: 0

A unique set of developmental issues present themselves when applying game theory concepts to the creation of interactive music manuscript in video game format for concert performance (*game-s*). Paying special attention to structural, mathematical, ...

Keywords: anigraphical music, game-score, interactive music manuscript

#### 5 [A five-year study of file-system metadata](#)



Nitin Agrawal, William J. Bolosky, John R. Douceur, Jacob R. Lorch

October 2007 ACM Transactions on Storage (TOS), Volume 3 Issue 3

Publisher: ACM

Full text available: [pdf\(445.77 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 37, Downloads (12 Months): 343, Citation Count: 0

For five years, we collected annual snapshots of file-system metadata from over 60,000 Windows systems in a large corporation. In this article, we use these snapshots to study temporal change in file size, file age, file-type frequency, directory ...

Keywords: File systems, generative model, longitudinal study

#### 6 [Transcoding media for bandwidth constrained mobile devices](#)

Kevin Curran, Stephen Annesley

March 2005 International Journal of Network Management, Volume 15 Issue 2

Publisher: John Wiley & Sons, Inc.

Full text available: [pdf\(179.00 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 87, Citation Count: 2

Bandwidth is an important consideration when dealing with streaming media. More bandwidth is required for complex data such as video as opposed to a simple audio file. When delivering streaming media, sufficient bandwidth is required to achieve an acceptable ...

#### 7 [Steganography oblierator: an attack on the least significant bits](#)



Guillermo A. Francia, III, Tyler S. Gomez

September 2006 InfoSecCD '06: Proceedings of the 3rd annual conference on Information security curriculum development

Publisher: ACM

Full text available: [pdf\(203.20 KB\)](#)




Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 31, Downloads (12 Months): 359, Citation Count: 0




Steganography is the art of concealing messages through hidden data that is embedded in a carrier medium. Current steganalysis practices focus on detecting and recovering these pieces of hidden data. This paper focuses on instances when neither detecting ...

Keywords: computer security, digital copyright management, digital forensics, enterprise application information hiding, intellectual property, steganography


## 8 [Computing curricula 2001](#)

-  CORPORATE The Joint Task Force on Computing Curricula  
September 2001 Journal on Educational Resources in Computing (JERIC), Volume 1 Issue 3es  
Publisher: ACM  
Full text available:  [pdf\(613.63 KB\)](#)  [html\(2.78 KB\)](#) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)  
Bibliometrics: Downloads (6 Weeks): 221, Downloads (12 Months): 1779, Citation Count: 22



## 9 [Communications of the ACM: Volume 51 Issue 6](#)

-  June 2008 issue Volume 51 Issue 6  
Publisher: ACM  
Full text available:  [pdf\(8.89 MB\)](#)  [digital edition](#) Additional Information: [full citation](#)  
Bibliometrics: Downloads (6 Weeks): 284, Downloads (12 Months): 284, Citation Count: 0


## 10 [Netscape Plug-Ins](#)

Larry Hoff  
September 1999 Linux Journal, Volume 1999 Issue 65es  
Publisher: Specialized Systems Consultants, Inc.  
Full text available:  [html\(21.15 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)  
Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 9, Citation Count: 0  
Extending Netscape's ability to handle additional file formats

## 11 [Petri nets tools integration through Eclipse](#)

-  Adilson Arcoverde, Jr., Gabriel Alves, Jr., Ricardo Lima  
October 2005 eclipse '05: Proceedings of the 2005 OOPSLA workshop on Eclipse technology eXchange  
Publisher: ACM  
Full text available:  [pdf\(387.28 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)  
Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 129, Citation Count: 0  
The lack of a standard file format to represent Petri nets limits the reuse of models among Petri tools. In order to reduce the impact of this limitation the Petri Net Markup Language (PNML) has proposed. PNML is an interchange file format for ...

## 12 [SISCO: a supply chain simulation tool utilizing silk™ and XML](#)

Dean C. Chatfield, Terry P. Harrison, Jack C. Hayya  
December 2001 WSC '01: Proceedings of the 33rd conference on Winter simulation  
Publisher: IEEE Computer Society  
Full text available:  [pdf\(276.14 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)  
Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 30, Citation Count: 5  
We discuss SISCO, the Simulator for Integrated Supply Chain Operations, a Java-based tool tha

simplifies supply chain simulation model development. SISCO maps supply chain descriptions st the XML-based Supply Chain Modeling Language (SCML) format ...

### 13 [An audio watermarking scheme robust against stereo attacks](#)



David Megías, J. Herrera-Joancomartí, Julià Minguillón

September 2004 MM&Sec '04: Proceedings of the 2004 workshop on Multimedia and security

Publisher: ACM

Full text available: pdf(191.73 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 65, Citation Count: 0

In this paper, a watermarking scheme for both monophonic and stereophonic audio files is presented. The suggested method uses MPEG 1 Layer 3 compression to determine where and how the embedding mark must be introduced, combined with an error correcting ...

Keywords: audio watermarking, copyright protection, frequency domain methods

### 14 [Teaching 3D modeling and simulation: virtual kelp forest case study](#)



Don Brutzman

February 2002 Web3D '02: Proceedings of the seventh international conference on 3D Web technology

Publisher: ACM

Full text available: pdf(600.93 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 72, Citation Count: 3

Two classes of graduate students learning 3D graphics and analytic simulation at the Naval Postgraduate School modeled the three-dimensional (3D) shape, structure, imagery and motion behaviors of plants and animals in the kelp forest exhibit at the Monterey ...

Keywords: 3D graphics education, VRML, X3D, kelp forest

### 15 [An open linking service supporting the authoring of web documents](#)



Renato Bulcao Neto, Claudia Akemi Izeki, Maria da Graça Pimentel, Renata Pontin Fortes, Khai Nhu

November 2002 DocEng '02: Proceedings of the 2002 ACM symposium on Document engineering

Publisher: ACM

Full text available: pdf(447.35 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 20, Citation Count: 6

Both content driven web authors and application designers may have their attention deviated from the main task when they have to be concerned with the generation of elaborated linking structures. This work aims to demonstrate how a metadata-enhanced ...

Keywords: RDF-based metadata, content driven authoring, document engineering, open linking, web engineering

### 16 [A novel XML music information retrieval method using graph invariants](#)



Alberto Pinto, Goffredo Haus

October 2007 ACM Transactions on Information Systems (TOIS), Volume 25 Issue 4

Publisher: ACM

Full text available: pdf(1.52 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 308, Citation Count: 0

The increasing diffusion of XML languages for the encoding of domain-specific multimedia inform raises the need for new information retrieval models that can fully exploit structural information language specifically designed for music like ...

Keyw ords: Graphs, XML, invariants, melodic similarity, metadata, music, music information ret structural properties

### 17 [GFX: AVI movie players and capture](#)

June 2001 [Linux Journal](#), Volume 2001 Issue 86

Publisher: Specialized Systems Consultants, Inc.

Full text available:  [html\(15.25 KB\)](#) Additional Information: [full citation](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 38, Citation Count: 0

### 18 [The virtual reality modeling language and Java](#)



Don Brutzman

June 1998 [Communications of the ACM](#), Volume 41 Issue 6

Publisher: ACM

Full text available:  [pdf\(763.87 KB\)](#) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 99, Citation Count: 7


### 19 [Augmenting SCORM manifests with adaptive links](#)



Nor Aniza Abdullah, Christopher Bailey, Hugh Davis

August 2004 [HYPERTEXT '04: Proceedings of the fifteenth ACM conference on Hypertext and hyper](#)

Publisher: ACM

Full text available:  [pdf\(191.98 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 55, Citation Count: 0

This paper describes an experiment to augment SCORM manifests with adaptive links using Auld order to promote content reusability, interoperability and personalized e-learning. Our technique involves the automatic deduction of a concept map from ...

Keyw ords: AuldLinky, FOHM, SCORM, adaptive hypermedia

### 20 [Spreadsheet structure inspection using low level access and visualisation](#)

Daniel Ballinger, Robert Biddle, James Noble

February 2003 [AUI C '03: Proceedings of the Fourth Australasian user interface conference \( interfaces 2003 - Volume 18, Volume 18](#)

Publisher: Australian Computer Society, Inc.

Full text available:  [pdf\(92.69 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index ter](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 23, Citation Count: 1





Spreadsheets are an extremely common form of end-user programming used for many applicati student marks to accounting for global multinationals. Ways of studying the structure of a sprea itself is normally constrained to the tools provided ...

Keyw ords: end user programming, spreadsheets, visualisation

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